

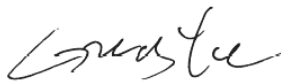
Certificate of Conformity

Certificate Number: 180108053GZU-001

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. This certificate is part of the full test report<s> and should be read in conjunction with it

Applicant Name & Address:	SHENZHEN GROWATT NEW ENERGY TECHNOLOGY CO., LTD 1st East & 3rd Floor of Building A, Building B, Jiayu Industrial Park, #28, GuangHui Road, LongTeng Community, Shiyan Street, Baoan District, Shenzhen, P.R.China
Product Description:	PV Grid inverter
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity
Models:	MAX 50KTL3 LV, MAX 60KTL3 LV, MAX 70KTL3 LV, MAX 80KTL3 LV MAX 60KTL3 MV, MAX 70KTL3 MV, MAX 80KTL3 MV
Relevant Standards	IEC 60068-2-1:2007, Environmental testing – Part 2-1: Tests- Test A: Cold IEC 60068-2-2:2007, Environmental testing – Part 2-2: Tests- Test B: Dry heat IEC 60068-2-14:2009, Environmental testing – Part 2-14: Tests- Test N: Change of temperature IEC 60068-2-30:2005, Environmental testing – Part 2-30: Tests- Test Db: Damp heat, cyclic(12h +12h cycle) IEC 61683: 1999, Photovoltaic systems – Power conditioners – Procedure for measuring efficiency
Certificate Issuing Office:	Same as Intertek Legal Entity
Date of Tests:	07 May 2018 – 25 May 2018
Test Report Number(s):	180108053GZU-001

Additional information in Appendix.



Signature

Name: Grady Ye
Position: Manager
Issuing Office: Intertek Legal Entity: Intertek
Testing Services Shenzhen Ltd.
Guangzhou Branch
Date: 28 May 2018



This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Certificate are relevant only to the sample tested/inspected. This Certificate by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

APPENDIX: Certificate of Conformity

This is an Annex to Certificate of Conformity with certificate/Report Number(s): 180108053GZU-001. The issuing office is Intertek Legal Entity as above.

Ratings and principal characteristics

Maximum d.c. input voltage: 1100 Vdc
Input voltage range: 200-1000 Vdc
MPPT voltage range (full Load): 500-850 V (for MAX 50KTL3 LV); 520-850 V(for MAX 60KTL3 LV, MAX 60KTL3 MV); 600-850 V(for MAX 70KTL3 LV, MAX 70KTL3 MV); 685-850 V(for MAX 80KTL3 LV, MAX 80KTL3 MV);
Max. input current: 6×25A
Nominal output voltage: 3/N/PE230V/400Vac (for MAX 50KTL3 LV, MAX 60KTL3 LV, MAX 70KTL3 LV, MAX 80KTL3 LV); 3/PE 480Vac (for MAX 60KTL3 MV, MAX 70KTL3 MV, MAX 80KTL3 MV);
Max. output current: 3×81 A (for MAX 50KTL3 LV); 3×97A (for MAX 60KTL3 LV); 3×113 A (for MAX 70KTL3 LV); 3×129A (for MAX 80KTL3 LV); 3×81 A (for MAX 60KTL3 MV); 3×94 A (for MAX 70KTL3 MV); 3×107A (for MAX 80KTL3 MV)
Nominal frequency: 50 Hz
Max. output power: 55500VA (for MAX 50KTL3 LV); 66600VA (for MAX 60KTL3 LV, MAX 60KTL3 MV); 77700VA (for MAX 70KTL3 LV, MAX 70KTL3 MV); 88800VA(for MAX 80KTL3 LV, MAX 80KTL3 MV);
Ingress protection: IP65
Operating temperature range: -25~+60°C